

Notice of Allowability

Application No.

10/668,429

Examiner

Gregory E. Webb

Applicant(s)

JARED ET AL.

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1751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/4/04.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Inventorship

1. In view of the papers filed 8/4/04, it has been found that this nonprovisional application, as filed, through error and without deceptive intent, improperly set forth the inventorship, and accordingly, this application has been corrected in compliance with 37 CFR 1.48(a). The inventorship of this application has been changed by Allen J. Hoover.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of Office records to reflect the inventorship as corrected.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Please renumber the second claim 11 to new claim 12.

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1. The examiner has noted the applicant's change of inventorship. Such changes have been accepted by the examiner.

2. The following is an examiner's statement of reasons for allowance: The closest prior art was found to be Huang et al (US 5,089,205), Huang et al (US 5,601,870), Dove (US 5,741,885), Jared et al (US 6,634,369).

3. Huang '205 teaches a process for forming molded gloves. Huang '205 teaches the use of various disinfectants including isopropanol as follows:

"As a further alternative approach, a regular finished glove may be immersed in an alcohol solution (for example, methanol, ethanol or isopropanol) or an aqueous solution containing an antimicrobial surfactant such as Nonidet P-40, as discussed above, and a chlorhexidine base or its salts. The preferred range of the chlorhexidine base or its salts and the surfactant is within the range of between about one and fifty percent, and preferably one and ten percent."

4. Huang '205 however fails to teach the applicant's specific process temperature, multiple articles in the bath, the detection method and the specific residues claimed.

5. Huang '870 teaches a method of forming gloves (see cols. 6-7). Huang teaches cleaning the glove by spray washing for 15 minutes at 130°F and dried for 2.5 minutes at 200°F. Huang '870 fails to teach or suggest the applicant's specific solvents, multiple articles in the cleaning bath, the use of immersion and cleaning bath.

6. Dove teaches the following:

"Further illustrating how easily the present invention is integrated into

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existing manufacturing technology, subsequent chemical treatment of the bloomed antigenic components can be accomplished at this stage by simply dipping the rinsed, latex coated forming mandrel in a treatment bath containing, for example, 5 wt % ethylene glycol diglycidal ether in a buffered solution at pH 10.5 at a temperature between 50.degree. C. and 80.degree. C. for approximately 3 to 15 minutes. An additional washing step in water at, for example, 60.degree. C. for 20 minutes removes any unreacted screening reagent along with soluble ions, proteins, and other components not removed in the first rinse. The treated article is then dried and cured to its final form utilizing normal manufacturing procedures such as 90 minutes in a 90.degree. C. oven followed by removal from the dipping mandrel. This produces a natural rubber latex article having normal chemical, physical, and mechanical properties with both internal and tissue contacting surfaces including embedded and bloomed antigenic components that are effectively screened from allergic response by the screening reagent covering their antigenic regions."

7. Dove however fails to teach the use of the applicant's specific solvents.
8. Jared et al is not available as prior art but is cited to demonstrate state of the art in polymer article cleaning.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory E. Webb whose telephone number is 571-272-1325. The examiner can normally be reached on 9:00-17:30 (m-f).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571-272-1316. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Gregory E. Webb
Primary Examiner
Art Unit 1751

gw